



DEPARTMENT OF TRANSPORTATION  
HAZARDOUS MATERIALS REGULATIONS BOARD  
WASHINGTON, D.C. 20590

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## Title 49—TRANSPORTATION

### Chapter I—Hazardous Materials Regulations Board, Department of Transportation

[Docket No. HM-79; Amendment No. 173-46]

#### PART 173—SHIPPERS

##### Transportation of Inhibited Vinyl Fluoride in Cargo Tanks

The purpose of this amendment to the Department's Hazardous Materials Regulations is to change the basis for the minimum filling density for inhibited vinyl fluoride, from a specified quantitative limit, to a limit based on performance standards for the cargo tank in which the commodity is transported.

On February 18, 1971, the Hazardous Materials Regulations Board published Docket No. HM-79; Notice No. 71-6 (36 F.R. 3130), proposing to amend the regulations as stated above. Interested persons were invited to give their views on this proposal.

One commenter suggested an editorial change in the text covering cargo tank holding time. The suggested change would have altered the application of the rule. However, the rule has been rewritten for clarification. Another comment related to the wisdom of authorizing variable holding times for cryogenic vehicles.

The question of the advisability of prescribing standard holding times rather than the variable standard described herein will be taken into consideration in the Board's deliberations leading to establishment of general criteria in the regulations for cryogenic cargo tanks.

It was suggested that the Board delete the last sentence of Note 11, which restricts shipments to "transportation by private or contract carrier by motor vehicle only". Deletion of this sentence was not proposed in the notice. Therefore, it will not be deleted at this time, but the comment will be taken under advisement for future rule making action.

Accordingly, 49 CFR Part 173 is amended as follows:

In § 173.315 paragraph (a)(1), Note 11 following the Table is amended to read as follows:

§ 173.315 Compressed gases in cargo tanks and portable tank containers.

(a) \* \* \*

(1) \* \* \*

NOTE 11: MC 330 or MC 331 cargo tanks must be insulated. Cargo tanks must meet all of the following requirements. Each tank must be designed for a service temperature no higher than minus 100° F. and must comply with the low-temperature requirements of the ASME Code. The maximum allowable transportation distance before venting will occur, must be that normally accomplished within the holding time of the cargo tank as loaded with an added margin of 100 percent of the normal travel time. However, if the normal travel time exceeds 24 hours, the maximum allowable transportation distance before venting will occur may be that normally accomplished within the holding time of the cargo tank with an added margin of 24 hours. Before transportation in an empty condition, each cargo tank having previously transported inhibited vinyl fluoride must have been drained and vented or blown down sufficiently so that there will be no venting during movement of the empty tank. Shipments are authorized for transportation by private or contract carrier by motor vehicle only.

\* \* \* \* \*

This amendment is effective August 31, 1971, however, compliance with the regulations as amended herein is authorized immediately.

(Secs. 8310835, Title 18, United States Code, sec. 9, Department of Transportation Act, 49 U.S.C. 1657)

Issued in Washington, D.C., on May 20, 1971.

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